

**Abstract**

A technique for manufacturing a mobile electronic device includes providing an engine assembly including electronic components and software contained therein and then selectively providing one of either a monoblock cover assembly including a fixed front cover and a mating back cover or a flip type cover assembly including a front cover having a hinged flip cover and a mating back cover and then disposing the engine assembly within the selectively provided one of the monoblock cover assembly or flip type cover assembly. A detector switch may be mounted on the flip cover to detect whether or not the flip cover is open and may be mounted so as to be opposite pads disposed on the engine assembly, the pads being electrically connected to the detector switch upon the assembly of the mobile electronic device.

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